Programmes After Market Services
NPB-1NB Series Transceivers

Service Software

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General

To run the Service Software, a software protection device (PKD–1) has to be connected to the parallel port. TDF–4 box must connected to PC for flashing purposes.

Note: if this software is to be run on laptops, the power saving feature MUST be switched off.

Hardware requirements for Windows 3.11

The recommended minimum hardware standard to run Service Software is any computer which is 386 33 MHz or greater with at least 4 MB of memory and VGA type display (640 x 480). This assumes that only the WinTesla with phone module is active, i.e. other Windows packages are not running in the background.

Hardware requirements for Windows 95/98/NT

The recommended minimum hardware standard to run Service Software is any computer which has Pentium processor, memory 8 MB and meets HW requirements recommended by Microsoft.

Software Environment of the Support Modules

The Service Software user interface is intended for the following environments: Microsoft Windows 3.11 (enhanced mode), Windows 95/98 and Windows NT. For those who are familiar with Windows environment this application will be easy to use. Detailed information about Windows and application usage can be found from the Microsoft Windows Users Guide.

As an ordinary Windows application, the main idea in the user interface is that selections are made with menus, push buttons and shortcut keys.

Selections can be done by using keyboard and/or mouse. There is always a status bar displayed at the bottom of the main window which contains information about current actions.

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Installation

Mechanical Connections

Caution: Make sure that you have switched off the PC and the printer before making connections.

Caution: Do not connect the PKD–1 key to the serial port. You may damage your PKD–1 !

Please refer to *service setup* in this chapter for information regarding different flash set-ups.

Attach the dongle PKD–1 to the parallel port 1 (25–pin female D–connector) of the PC. When connecting PKD–1 to the parallel port, be sure that you insert the computer side of the PKD–1 to the PC (male side). If you use a printer on parallel port 1, install the PKD–1 between the PC and your printer cable.

The PKD–1 should not affect devices working with it. If some errors occur (errors in printing are possible) please try printing without the PKD–1. If printing is OK without the PKD–1 please contact your dealer. We will offer you a new PKD–1 in exchange for your old one.

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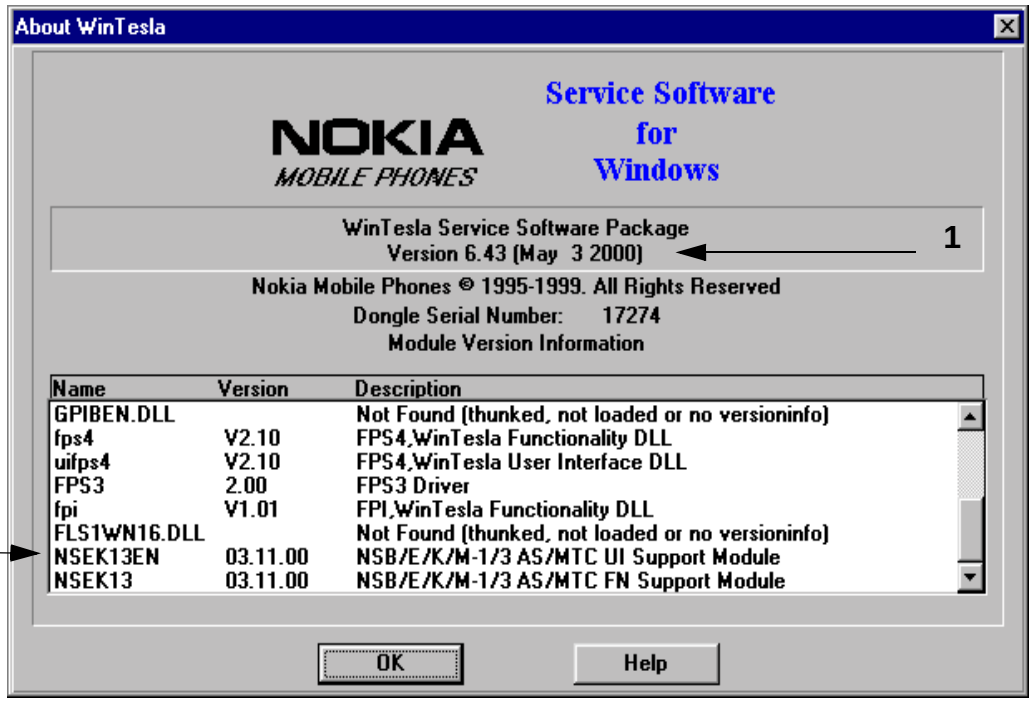
Installing the Service Software on PC Hard Disk

The program is delivered on a floppy disk or CD and is copy protected with a PKD–1 dongle. It must be present in parallel port when using Service Software.

The program must be installed on the hard disk before use.

Keep the original floppy disk/CD safe to enable upgrading of the program !

- WinTesla Version 6.43, Dongle driver, POS-flash driver, etc. (always use newest versions available)



1 Version shown is the latest when this manual was released.

2 NSEK 13 AS/MTC WinTesla support modules for NPB-1NB

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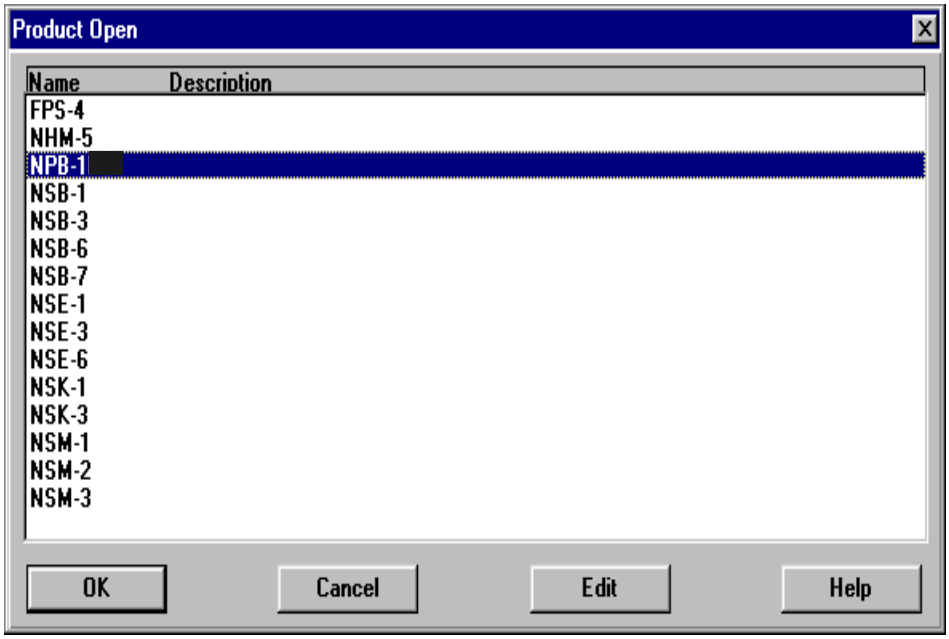
- Loading Modules



Flash Adapter (FLS-2D)

Installation instructions can be found in the relevant Sales Pack (see *Service Tools* chapter).

Flash Prommer (FPS-4)

Installation instructions can be found at the following intranet address:-

http://www.nmp.nokia.com/sasw/projects/prommer/manual/manual.htm

First time installation of WinTesla:

Do the following to make a complete WinTesla installation with support for NPB-1NB:

Insert the WinTesla software into the drive on your computer.

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For Windows 3.1 and 3.11:

Start Windows, type *win <Enter>*

Open the File manager, open Main window and start File manager.

Select the floppy drive and:

Start installation, double–click the *wt_inst.exe* file.

Follow the instructions on the screen. Write down the directory where WinTesla is installed on your hard disk.

When installation has finished remove the WinTesla software disk from your floppy drive.

Insert the Dongle driver diskette into your floppy drive.

Select the floppy drive and:

Start installation, double–click the *dk2wn16.exe* file.

Follow the instructions on the screen.

When installation has finished remove the dongle driver software disk

from your floppy drive.

Continue with the support modules installation.

For Windows 95/98 and NT:

Open Microsoft Explorer, Select *Start –Programs – Explorer*

Select the floppy drive and:

Start installation, double–click the *wt_inst.exe* file.

Follow the instructions on the screen. Write down the directory where WinTesla is installed on your hard disk.

When installation has finished remove the WinTesla software disk from your floppy drive.

Insert the Dongle driver diskette into your floppy drive.

Select the floppy drive and:

Start installation, double–click the *dk2wn32.exe* file.

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Follow the instructions on the screen.

When installation has finished remove the dongle driver software disk from your floppy drive.

Continue with the support modules installation.

Installation of support modules (WinTesla already installed):

To install the new Service Software Program, follow the steps below:

Insert the new Service software diskette into the floppy drive on of your computer (i.e. Drive A:)

For Windows 3.1 and 3.11:

Start Windows, type *win <Enter>* and open the File manager.

Open Main window and start File Manager, select the floppy drive.

Start installation, double–click the *as nsek13i .exe* file.

Follow the instructions on the screen.

For Windows 95/98 and NT:

Open Microsoft Explorer, select *Start –Programs– Explorer*

Select the floppy drive.

Start installation, double–click the *as nsek13i .exe* file.

Follow the instructions on the screen.

NPB-1NB Service Software Features

For further information regarding each specific feature please refer to the online help included with the support module installation package. The dialogues have buttons marked Help for direct access to the specific area in the online help in which the feature is explained.

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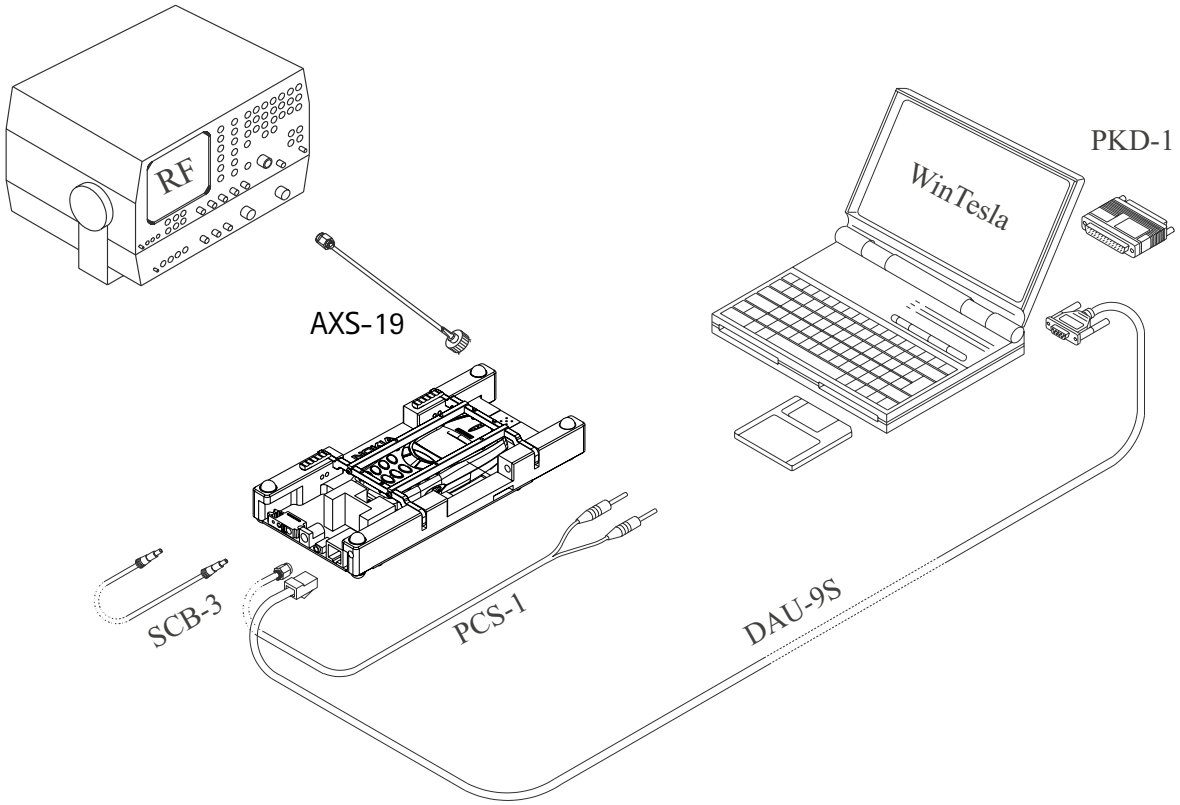
Service Setup



Service accessory:	Type Des	Product code:
Module Repair Jig	MJS-19	0630260
DC-DC Cable	SCB-3	0730114
Service Cable	DAU-9S	0730108
DC Power Cable (JBU6) for JBU6	PCS-1	0730012
RF Cable	AXS-19	0730214
Software Protection Key	PKD-1	0750018
WinTesla Software Disk		0774071

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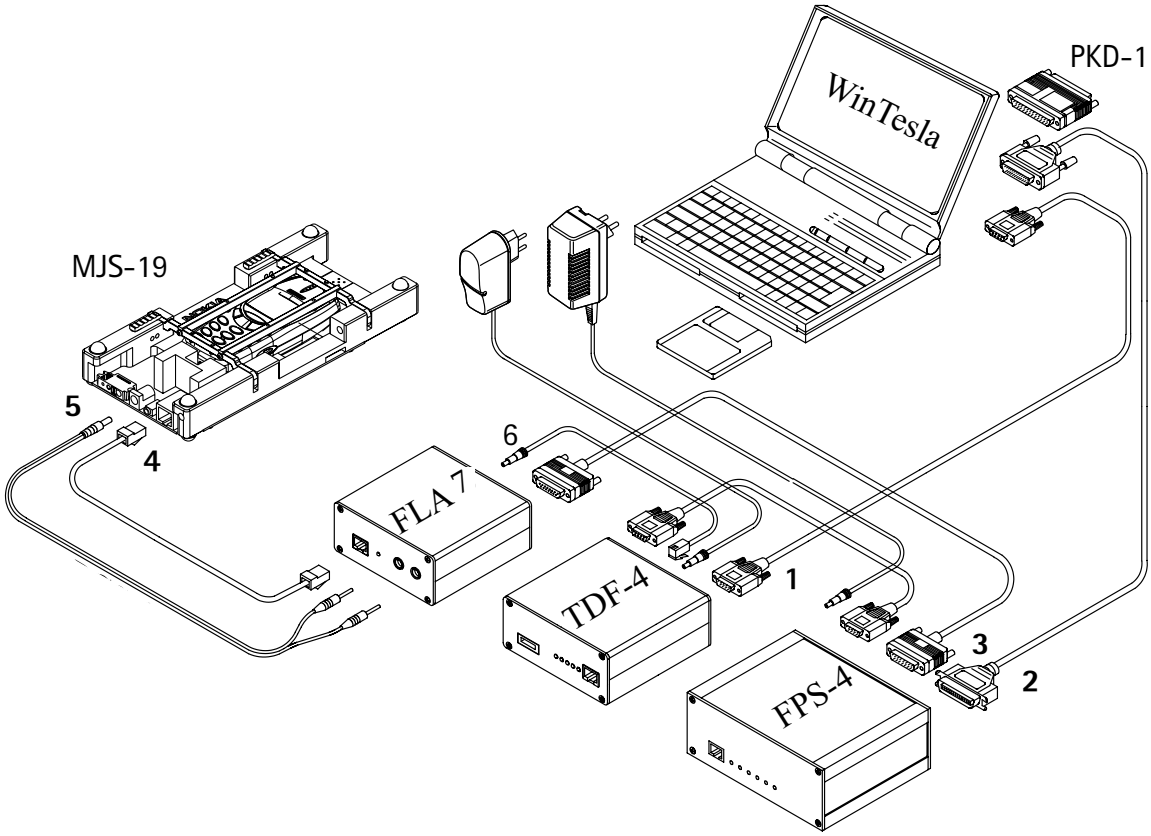
Flash Concept Using Repair Jig MJS-19



	Service accessory:	Type Des	Product code:
	Service Repair Jig	MJS-19	0630260
	Flash Prommer Sales Pack	FPS-4	0081275
	Flash Security Box	TDF-4	0770106
	Flash loading Adapter	FLA-7	0080326
	Software Protection Key	PKD-1	0750018
	Travel Chargers	ACH-6U	0270382
	S/W Installation Disk		0774071
Item	Cable Description:	Type Des	Product code:
1.	D9-D9 Cable	AXS-4,	0730090
2.	Printer Cable		0730029
3.	D15- D15 Cable	AXS-5	0730091
4.	Service Cable	XCM-5	0730142
5.	DC Power Cable for JBU-6	PCS-1	0730012
6.	DC Cable	AXD-1	0730144

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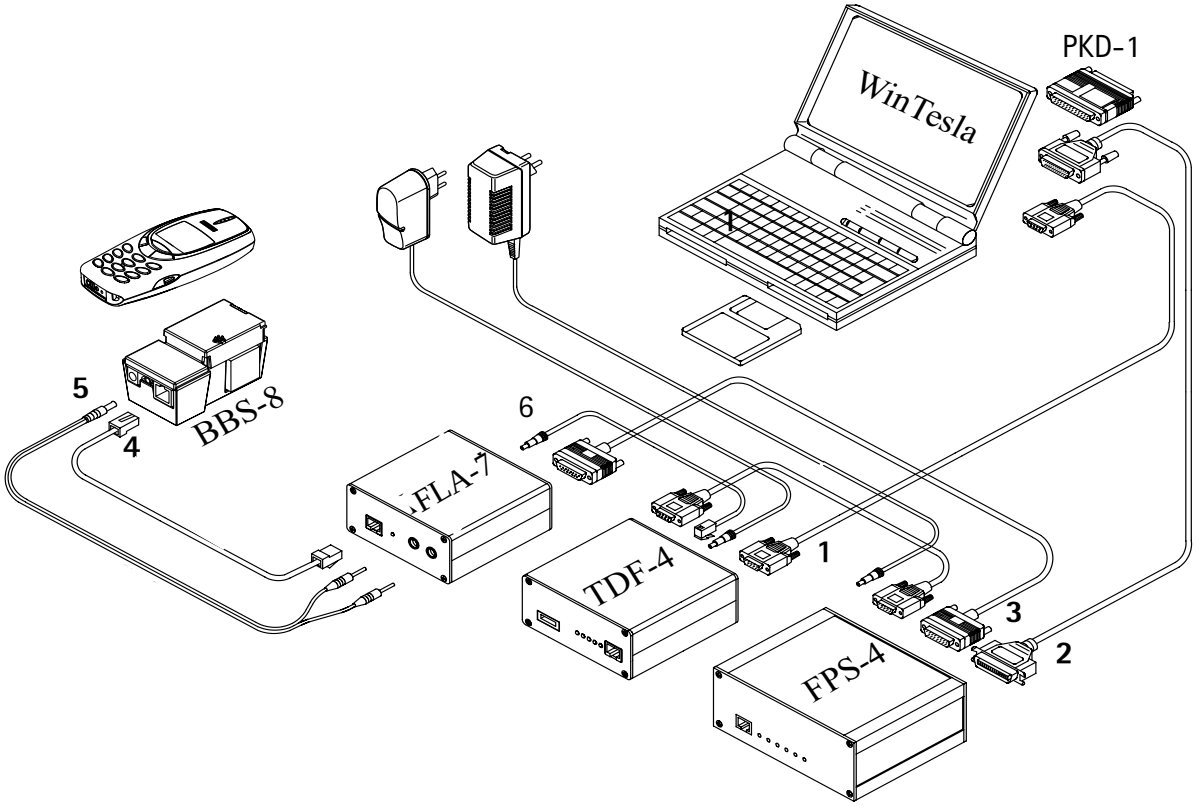
Flash Concept with BBS-8 Service Battery



Service accessory:	Type Des	Product code:
Flash Loading Adapter	BBS-8	0630261
Flash Prommer Sales Pack	FPS-4	0081275
Flash Security Box	TDF-4	0770106
Flash loading Adapter Sales Pack	FLA-7	0080326
Software Protection Key	PKD-1	0750018
Travel Chargers		
S/W Installation Disk		0774071

Item	Cable Description:	Type Des	Product code:
1.	D9-D9 Cable	AXS-4,	0730090
2.	Printer Cable		0730029
3.	D15- D15 Cable	AXS-5	0730091
4.	Service Cable	XCM-5	0730142
5.	DC Power Cable for JBU-6	PCS-1	0730012
6.	DC Cable	AXD-1	0730144

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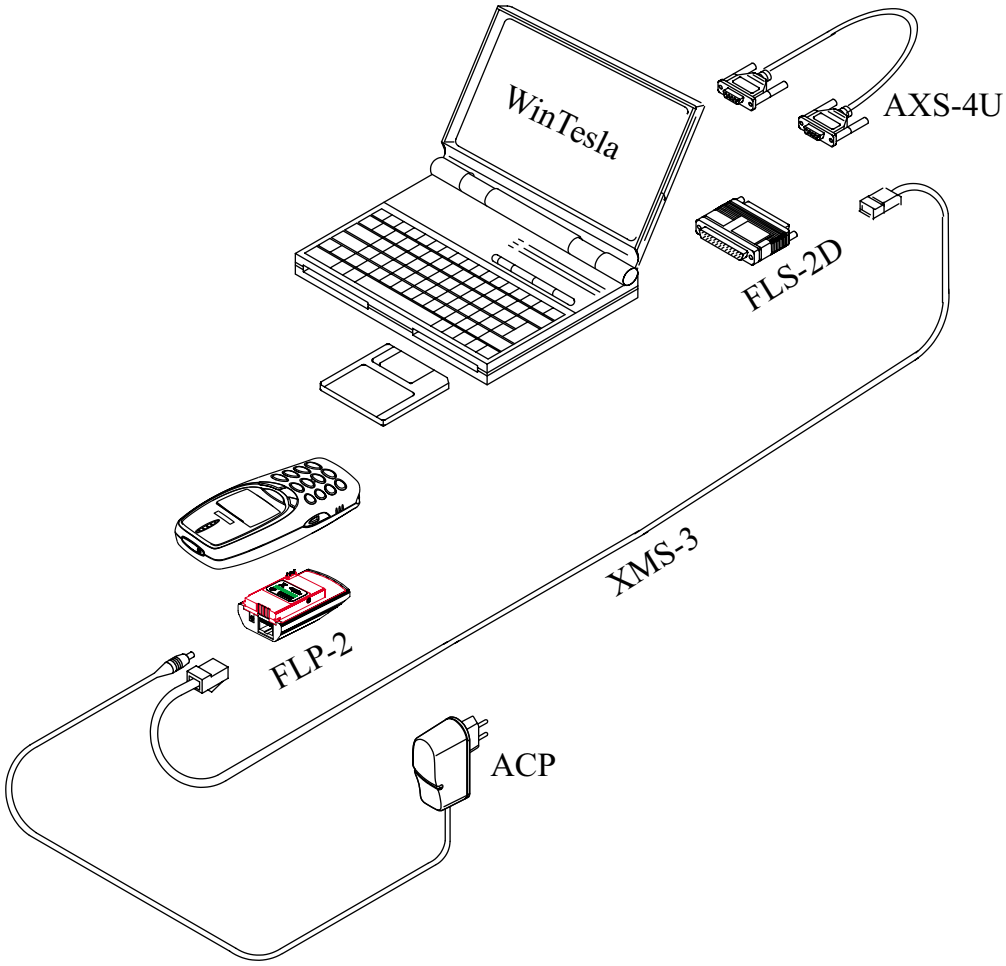
Flash Concept POS with FLP-2



Service accessory:	Type Des	Product code:
Flash Loading Adapter (inc DC Service Cable)	FLP-2	0630262
Service Cable	XMS-3	0730174
D9-D9 Cable	AXS-4U	0730090
Travel Chargers	ACP-8U	0675196
	ACP-9U,	0675151
POS Flash Adapter Sales Pack	FLS-2D	0081309
WinTesla SW Disk		0774071

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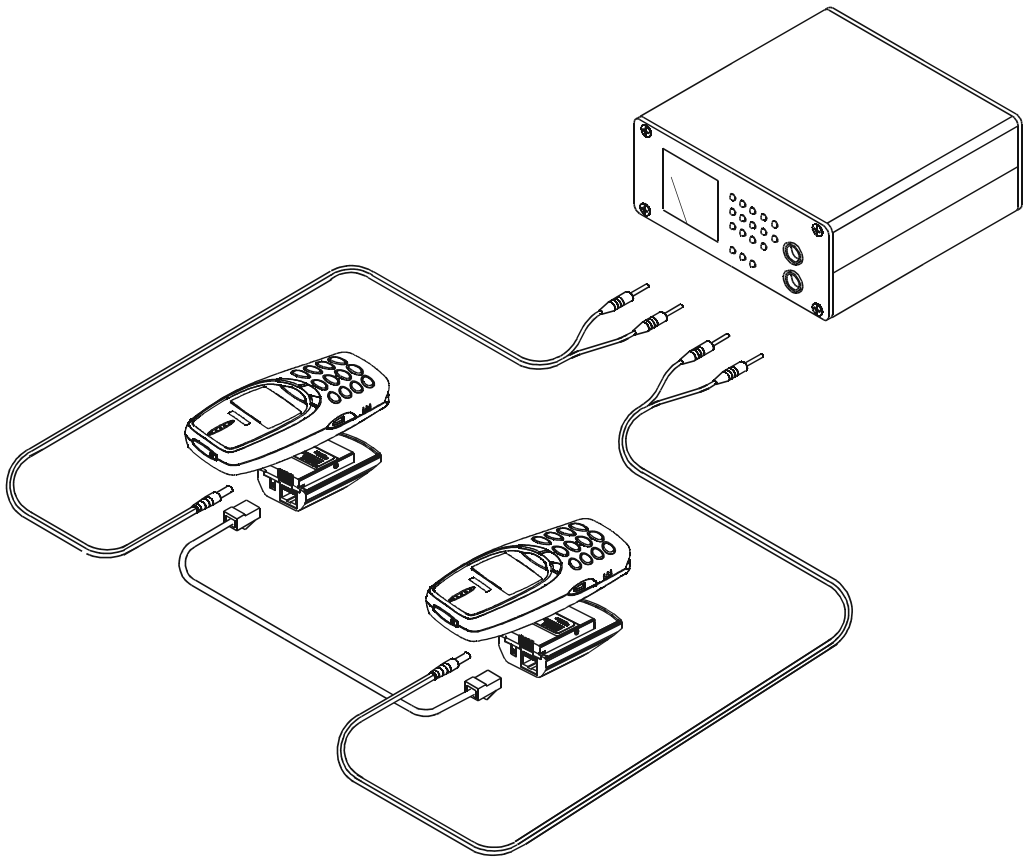
Warranty Setup



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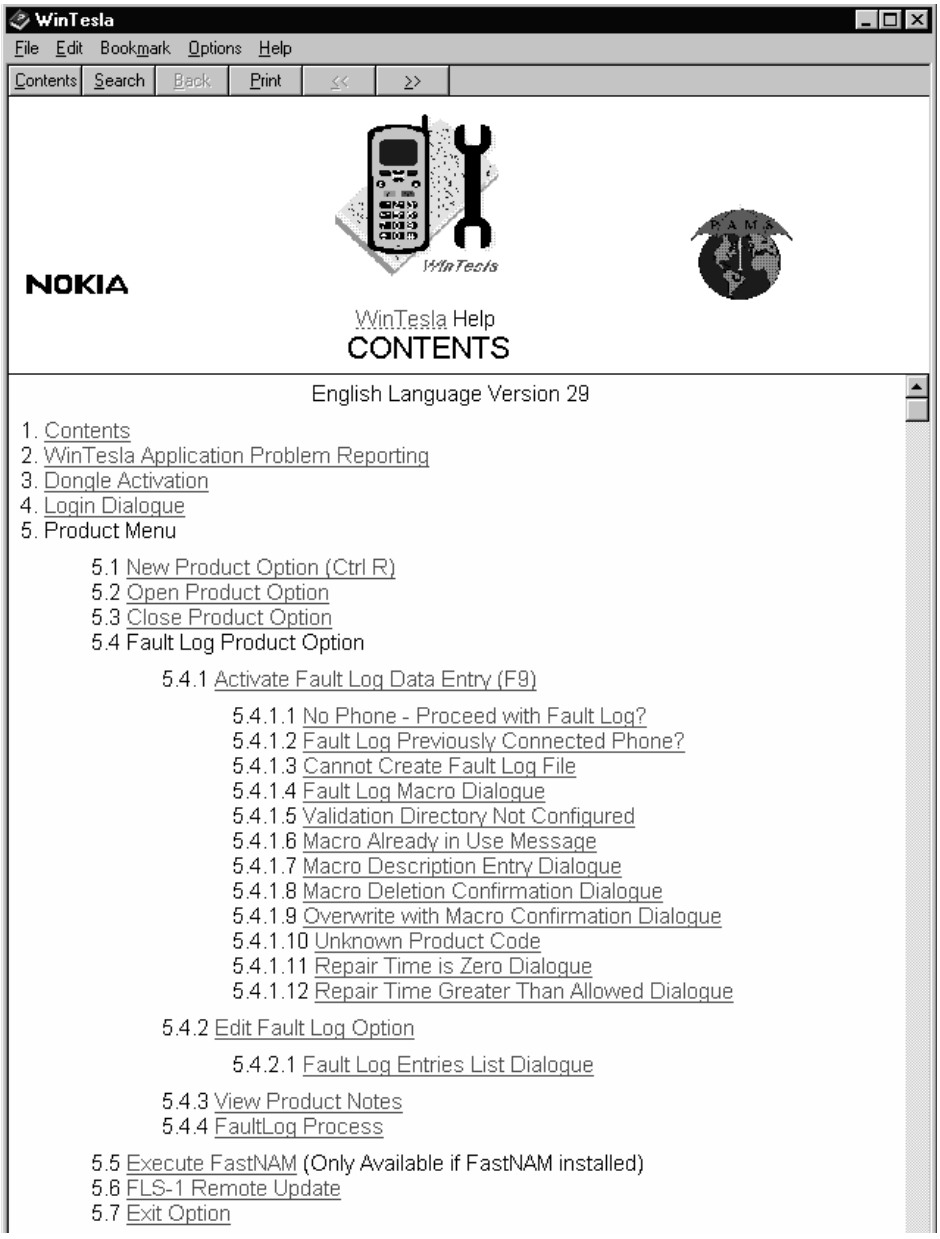
Common User Interface

All WinTesla files share a common interface which are detailed in the WinTesla help files once the software is installed. A typical example is shown in the figure below.


WinTesla
File Edit Bookmark Options Help
Contents Search Back Print << >>
NOKIA
WinTesla Help
CONTENTS
English Language Version 29
1. Contents
2. WinTesla Application Problem Reporting
3. Dongle Activation
4. Login Dialogue
5. Product Menu
5.1 New Product Option (Ctrl R)
5.2 Open Product Option
5.3 Close Product Option
5.4 Fault Log Product Option
5.4.1 Activate Fault Log Data Entry (F9)
5.4.1.1 No Phone - Proceed with Fault Log?
5.4.1.2 Fault Log Previously Connected Phone?
5.4.1.3 Cannot Create Fault Log File
5.4.1.4 Fault Log Macro Dialogue
5.4.1.5 Validation Directory Not Configured
5.4.1.6 Macro Already in Use Message
5.4.1.7 Macro Description Entry Dialogue
5.4.1.8 Macro Deletion Confirmation Dialogue
5.4.1.9 Overwrite with Macro Confirmation Dialogue
5.4.1.10 Unknown Product Code
5.4.1.11 Repair Time is Zero Dialogue
5.4.1.12 Repair Time Greater Than Allowed Dialogue
5.4.2 Edit Fault Log Option
5.4.2.1 Fault Log Entries List Dialogue
5.4.3 View Product Notes
5.4.4 FaultLog Process
5.5 Execute FastNAM (Only Available if FastNAM installed)
5.6 FLS-1 Remote Update
5.7 Exit Option

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